

N F BH RA Solder for RG58/RG142/LMR195/LMR200 Cable P/N: AT3N2SB-6W

Product Feature:

- Connector Type : N Type
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Right Angle(90°) Bulkhead
- Termination Style : Solder
- Cable : RG58/RG142/LMR195/LMR200
- Application : General Purpose/Military



The **N-Type Female Bulkhead (BH) Right-Angle (RA) Solder Connector** is a versatile RF component designed for space-constrained installations using **RG58, RG142, LMR195, or LMR200** cables. Its right-angle geometry allows for tight cable routing behind panels, while the bulkhead nut ensures a secure, grounded chassis mount. The solder termination provides a high-reliability electrical path, making it ideal for **compact communication enclosures, avionics, and tactical radio systems** requiring durable, low-profile interconnects.

Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 6	GHz
VSWR	≤ 1.2	@DC-3 GHz
	≤ 1.25	@3-5 GHz
Insertion Loss	≤ 0.05	@DC-5 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 2.5	kVrms
Inner Conductor Resistance	≤ 1.0	m Ω
Outer Conductor Resistance	≤ 0.25	m Ω
Power Handling	1.0	kW @1GHz
RF Leakage	≤ -90	dB @1GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Phosphorous bronze	Gold
Outer Conductor/Body	Brass	Tri-Alloy
Coupling Nut	Brass	Tri-Alloy
Dielectric	PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (matings)	≥ 500 min.	-
Coupling nut torque	25/30	Nm
Cable Type Compatibility	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-40 ~ 85	°C
Ingress Protection (IP Rating)	IP67	-
Compliance	ROHS	-